Amendments to Claims / Listing of Claims:

This listing of claims replaces prior version(s).

    1-5. (*Cancelled*)

    6. (*Currently Amended*) In a network comprising a server coupled

to one or more clients, a method for enhancing on-line commerce comprising the steps of:

    determining by a server an attribute of a client;

    classifying the client in a set according to the attribute;

    initiating before a request by any client in such set a message by the server to one or

more clients classified in the set,

    wherein the message is initiated adaptively or dynamically according to the attributes of

a plurality of clients classified in the set, the classification being contextually mapped with the

initiated message by comparing attributes to classify each client in the set, the set classification

being identified in a group registry, the client request comprising an online search query and

auction bid, whereby a sale or transaction message may be provided to one or more clients

classified in the set in response to the client request and one or more sensed client attributes in

order to bill or charge the client appropriately for the search query and auction bid, wherein at

least one of the classified clients comprises an interactive digital television appliance for

enabling digital media play-back interactively between the appliance and the server, whereby

the server may sense one or more appliance attribute from the group consisting of [[an

appliance model number, an entertainment preference, and]] a budget allowance;

    determining by the server a second attribute of the client;

    classifying the client in a second set according to the second attribute; and

    initiating before a request by any client in such second set a second message by the

server to one or more clients classified in the second set.

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7. (*Currently Amended*) In a network comprising a server coupled

to one or more clients, a method for enhancing on-line commerce comprising the steps of:

determining by a server an attribute of a client;

classifying the client in a set according to the attribute;

initiating before a request by any client in such set a message by the server to one or

more clients classified in the set,

wherein the message is initiated adaptively or dynamically according to the attributes of

a plurality of clients classified in the set, the classification being contextually mapped with the

initiated message by comparing attributes to classify each client in the set, the set classification

being identified in a group registry, the client request comprising an online search query and

auction bid, whereby a sale or transaction message may be provided to one or more clients

classified in the set in response to the client request and one or more sensed client attributes in

order to bill or charge the client appropriately for the search query and auction bid, wherein at

least one of the classified clients comprises an interactive digital television appliance for

enabling digital media play-back interactively between the appliance and the server, whereby

the server may sense one or more appliance attribute from the group consisting of [[an

appliance model number, an entertainment preference, and]] a budget allowance;

determining by the server a second attribute of a second client;

classifying the second client in the set according to the second attribute; and

initiating before a request by any client in such set a second message by the server to

the clients classified in the set.

8-12. (*Cancelled*)

13. (*Currently Amended*) A client for coupling to a server in a

network, the client comprising:

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an interface; a processor; and a sensor;

    wherein the interface is accessible by a server coupled to a network, whereby the

processor may provide the network access to a signal generated by the sensor; the

interface being classifiable in a set according to the signal, the interface receiving a

network signal according to the classified set, the network signal being initiated before a

client message request adaptively or dynamically according to a plurality of generated

sensor signals associated with the classified set, the classification being contextually

mapped with the network signals and identified in a group registry, the client message

request comprising an online search query and auction bid, whereby a sale or

transaction message may be provided to one or more clients classified in the set in

response to the client message request and one or more sensed client attributes in order

to bill or charge the client appropriately for the search query and auction bid, wherein at

least one of the classified clients comprises an interactive digital television appliance for

enabling digital media play-back interactively between the appliance and the server,

whereby the server may sense one or more appliance attribute from the group consisting

of [[an appliance model number, an entertainment preference, and]] a budget allowance;

    wherein the processor may provide the network access to a second signal

generated by the sensor; the interface being classifiable in a second set according to the

second signal, the interface receiving a second network signal according to the second

set.

14-19. *(Cancelled)*

20. *(Currently Amended)* A networking method for coupling a plurality .

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of nodes, the networking method comprising:

receiving an attribute signal from a first node;

transmitting the attribute signal to a second node for classifying the first node in a set according to the attribute signal;

receiving a message signal from the second node;

transmitting the message signal to one or more nodes classified in the set, the message signal being initiated before a message request from the first node adaptively or dynamically according to a plurality of attribute signals associated with the classified set, the classification being contextually mapped with the attribute signals and identified in a group registry, the message request comprising an online search query and auction bid, whereby a sale or transaction message may be provided to one or more nodes classified in the set in response to the message request and one or more sensed node attributes in order to bill or charge the first node appropriately for the search query and auction bid, wherein at least one of the classified nodes comprises an interactive digital television appliance for enabling digital media play-back interactively between a plurality of nodes, whereby one or more node attribute may be sensed from the group consisting of [[an appliance model number, an entertainment preference, and]] a budget allowance;

receiving a second attribute signal from a third node;

transmitting the second attribute signal to the second node for classifying the third node in the set according to the second attribute signal;

receiving a second message signal from the second node; and

transmitting the second message signal to one or more nodes classified in the set.

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